

TRANSMITTAL FORM

Application Serial Number	60,109
Filing Date	April 1, 2005
First Named Inventor	Mayes
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket No.	NNM-004
Patent No.	Not applicable
Issue Date	Not applicable

ENCLOSURES (check all that apply)

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form
<input checked="" type="checkbox"/> Check Attached (\$2,085.00)
<input type="checkbox"/> Copy of Fee Transmittal Form

<input checked="" type="checkbox"/> Amendment/Response
<input checked="" type="checkbox"/> Second Preliminary (9 pgs.)
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Letter to Official Draftsperson
including Drawings
[Total Sheets ____]

<input checked="" type="checkbox"/> Petition for Extension of Time (1 pg.)

<input checked="" type="checkbox"/> Information Disclosure Statement (2 pgs.)
<input checked="" type="checkbox"/> Form PTO-1449 (1 pg.)
<input checked="" type="checkbox"/> Copy of IDS Citation (B1)

<input type="checkbox"/> Certified Copy of Priority Document(s)

<input type="checkbox"/> Sequence Listing submission
<input type="checkbox"/> Paper Copy/CD
<input type="checkbox"/> Computer Readable Copy
<input type="checkbox"/> Statement verifying identity of above | <input checked="" type="checkbox"/> Copy of Notification of Missing Requirements (2 pgs.)

<input type="checkbox"/> Formal Drawing(s)

<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal

<input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)

<input type="checkbox"/> Terminal Disclaimer

<input checked="" type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application (3 pgs.)

<input type="checkbox"/> Small Entity Statement

<input type="checkbox"/> CD(s) for large table or computer program

<input type="checkbox"/> Amendment After Allowance

<input type="checkbox"/> Request for Certificate of Correction
<input type="checkbox"/> Certificate of Correction (in duplicate) | <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences

<input type="checkbox"/> Appeal Brief (in triplicate)

<input type="checkbox"/> Status Inquiry

<input checked="" type="checkbox"/> Return Receipt Postcard

<input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8


<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8

<input type="checkbox"/> Additional Enclosure(s) (please identify below) |
|---|--|--|

CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator
Kirkpatrick & Lockhart Nicholson
Graham LLP
State Street Financial Center
One Lincoln Street
Boston, MA 02111-2950
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Fax No.: (617) 261-3175

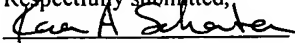
SIGNATURE BLOCK

Respectfully submitted,

Karen A. Schouten
Attorney for Applicant(s)
Kirkpatrick & Lockhart Nicholson
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State Street Financial Center
One Lincoln Street
Boston, MA 02111-2950

Date: March 28, 2006
Reg. No. 58,343
Tel. No.: (617) 261-3216
Fax No.: (617) 261-3175

FEE TRANSMITTAL **FY 2006**

Complete Known	
Application Serial Number	10/53
Filing Date	April 1, 2005
First Named Inventor	Mayes
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket No.	NNM-004

METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																												
1. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other	3. ADDITIONAL FEES <table style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">Large Entity Fee (\$)</th><th style="width:15%;">Small Entity Fee (\$)</th><th style="width:55%;">Fee Description</th><th style="width:15%;">Fee Paid</th></tr> <tr><td>130</td><td>65</td><td>Surcharge - late filing fee or oath</td><td>65.00</td></tr> <tr><td>50</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>130</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>2,520</td><td>2,520</td><td>Request for ex parte reexamination</td><td></td></tr> <tr><td>120</td><td>60</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>450</td><td>225</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1020</td><td>510</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1590</td><td>795</td><td>Extension for reply within fourth month</td><td>795.00</td></tr> <tr><td>2160</td><td>1080</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>500</td><td>250</td><td>Notice of Appeal</td><td></td></tr> <tr><td>500</td><td>250</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1000</td><td>500</td><td>Request for oral hearing</td><td></td></tr> <tr><td>400</td><td>400</td><td>Petitions to the Commissioner (Gp. I)</td><td></td></tr> <tr><td>200</td><td>200</td><td>Petitions to the Commissioner (Gp. II)</td><td></td></tr> <tr><td>130</td><td>130</td><td>Petitions to the Commissioner (Gp. III)</td><td></td></tr> <tr><td>180</td><td>180</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>790</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>790</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>100</td><td>100</td><td>Certificate of Correction for applicant's error</td><td></td></tr> <tr><td>130</td><td>65</td><td>Submission of Terminal Disclaimer</td><td></td></tr> <tr><td colspan="2">Other fee (Specify)</td><td></td><td></td></tr> <tr><td colspan="2">Other fee (Specify)</td><td></td><td></td></tr> </table>	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	130	65	Surcharge - late filing fee or oath	65.00	50	25	Surcharge - late provisional filing fee or cover sheet		130	130	Non-English specification		2,520	2,520	Request for ex parte reexamination		120	60	Extension for reply within first month		450	225	Extension for reply within second month		1020	510	Extension for reply within third month		1590	795	Extension for reply within fourth month	795.00	2160	1080	Extension for reply within fifth month		500	250	Notice of Appeal		500	250	Filing a brief in support of an appeal		1000	500	Request for oral hearing		400	400	Petitions to the Commissioner (Gp. I)		200	200	Petitions to the Commissioner (Gp. II)		130	130	Petitions to the Commissioner (Gp. III)		180	180	Submission of Information Disclosure Statement		790	395	Filing a submission after final rejection (37 CFR 1.129(a))		790	395	For each additional invention to be examined (37 CFR 1.129(b))		100	100	Certificate of Correction for applicant's error		130	65	Submission of Terminal Disclaimer		Other fee (Specify)				Other fee (Specify)			
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2. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 50-1721. <input type="checkbox"/> Required Fees (copy of this sheet enclosed). <input checked="" type="checkbox"/> Additional fee required under 37 CFR 1.16 and 1.17. <input checked="" type="checkbox"/> Overpayment Credit.																																																																																													
3. <input checked="" type="checkbox"/> Applicant claims small entity status.																																																																																													
FEE CALCULATION 1. FILING/SEARCH/EXAM/SIZE FEES <table style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">Large Entity Fee (\$)</th><th style="width:45%;">Fee Description</th><th style="width:40%;">Fee Paid</th></tr> <tr><td>300</td><td>Utility filing fee</td><td></td></tr> <tr><td>500</td><td>Utility search fee</td><td></td></tr> <tr><td>200</td><td>Utility exam fee</td><td></td></tr> <tr><td>250</td><td>Utility size fee (each add'l 50 pgs. over 100)</td><td></td></tr> <tr><td>200</td><td>Design filing fee</td><td></td></tr> <tr><td>100</td><td>Design search fee</td><td></td></tr> <tr><td>130</td><td>Design exam fee</td><td></td></tr> <tr><td>250</td><td>Design size fee (each add'l 50 pgs. over 100)</td><td></td></tr> </table> <table style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">Number Filed</th><th style="width:15%;">Number Extra</th><th style="width:15%;">Rate</th><th style="width:15%;">Amount</th></tr> <tr> <td>Total Claims</td><td>- 20 =</td><td>x \$ 50.00 =</td><td></td></tr> <tr> <td>Independent Claims</td><td>- 3 =</td><td>x \$200.00 =</td><td></td></tr> <tr> <td colspan="3"><input type="checkbox"/> Multiple Dependent Claim(s), if any</td><td>\$360.00 =</td></tr> <tr> <td colspan="3"></td><td>TOTAL:</td></tr> <tr> <td colspan="3">SMALL ENTITY DISCOUNT:</td><td></td></tr> <tr> <td colspan="3">SUBTOTAL (1)</td><td>(\$) 0.00</td></tr> </table>	Large Entity Fee (\$)	Fee Description	Fee Paid	300	Utility filing fee		500	Utility search fee		200	Utility exam fee		250	Utility size fee (each add'l 50 pgs. over 100)		200	Design filing fee		100	Design search fee		130	Design exam fee		250	Design size fee (each add'l 50 pgs. over 100)		Number Filed	Number Extra	Rate	Amount	Total Claims	- 20 =	x \$ 50.00 =		Independent Claims	- 3 =	x \$200.00 =		<input type="checkbox"/> Multiple Dependent Claim(s), if any			\$360.00 =				TOTAL:	SMALL ENTITY DISCOUNT:				SUBTOTAL (1)			(\$) 0.00																																						
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2. AMENDMENT CLAIM FEES <table style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">Claims Remaining After Amend.</th><th style="width:15%;">Highest No. Previously Paid For</th><th style="width:15%;">Present Extra</th><th style="width:15%;">Rate</th><th style="width:15%;">Fee Paid</th></tr> <tr> <td>Total 69</td><td>- 20 =</td><td>49</td><td>x \$ 50.00 =</td><td>2450</td></tr> <tr> <td>Indep. 3</td><td>- 3 =</td><td>0</td><td>x \$200.00 =</td><td>0</td></tr> <tr> <td colspan="3"><input type="checkbox"/> First Presentation of Multiple Dep. Claim</td><td>+ \$360.00 =</td><td>0</td></tr> <tr> <td colspan="3"></td><td>TOTAL:</td><td>(\$)2450</td></tr> <tr> <td colspan="3">SMALL ENTITY DISCOUNT:</td><td></td><td>(\$)1225</td></tr> <tr> <td colspan="3">SUBTOTAL (2)</td><td></td><td>(\$)1225</td></tr> </table>	Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid	Total 69	- 20 =	49	x \$ 50.00 =	2450	Indep. 3	- 3 =	0	x \$200.00 =	0	<input type="checkbox"/> First Presentation of Multiple Dep. Claim			+ \$360.00 =	0				TOTAL:	(\$) 2450	SMALL ENTITY DISCOUNT:				(\$) 1225	SUBTOTAL (2)				(\$) 1225	<table style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">04/04/2006 ATRAN1 00000143 10530109</td></tr> <tr> <td>01 FC:2617</td><td>65.00 OP</td></tr> <tr> <td>02 FC:2615</td><td>1225.00 OP</td></tr> <tr> <td colspan="2">SUBTOTAL (3) (\$) 860.00</td></tr> <tr> <td colspan="2">SUBTOTAL (1) 0.00</td></tr> <tr> <td colspan="2">SUBTOTAL (2) 1225.00</td></tr> <tr> <td colspan="2">SUBTOTAL (3) 860.00</td></tr> <tr> <td colspan="2">TOTAL (\$) 2085.00</td></tr> </table>	04/04/2006 ATRAN1 00000143 10530109		01 FC:2617	65.00 OP	02 FC:2615	1225.00 OP	SUBTOTAL (3) (\$) 860.00		SUBTOTAL (1) 0.00		SUBTOTAL (2) 1225.00		SUBTOTAL (3) 860.00		TOTAL (\$) 2085.00																																										
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CORRESPONDENCE ADDRESS Direct all correspondence to: Patent Administrator Kirkpatrick & Lockhart Nicholson Graham LLP State Street Financial Center One Lincoln Street Boston, MA 02111-2950 Tel. No.: (617) 261-3100 Fax No.: (617) 261-3175	SIGNATURE BLOCK Date: March 28, 2006 Reg. No.: 58,343 Tel. No.: (617) 261-3216 Fax No.: (617) 261-3175 Respectfully submitted,  Karen A. Schouten Attorney for the Applicants Kirkpatrick & Lockhart Nicholson Graham LLP State Street Financial Center One Lincoln Street Boston, MA 02111-2950																																																																																												

Express Mail Label No.: EV832481169US



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

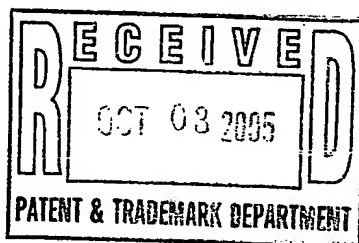
U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/530,109	Eric L Mayes	NNM-004

INTERNATIONAL APPLICATION NO.

PCT/GB03/04298

I.A. FILING DATE	PRIORITY DATE
10/06/2003	10/04/2002

Patent Administrator
 Kirkpatrick & Lockhart Nicholson Nicholson
 75 State Tower
 Boston, MA 02109-1808



CONFIRMATION NO. 2640

371 FORMALITIES LETTER



OC000000017119487

Date Mailed: 09/28/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 04/01/2005
- Copy of the International Search Report filed on 04/01/2005
- Copy of IPE Report filed on 04/01/2005
- Preliminary Amendments filed on 04/01/2005
- Request for Immediate Examination filed on 04/01/2005
- U.S. Basic National Fees filed on 04/01/2005
- Priority Documents filed on 04/01/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$2775 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$2840 for a Small Entity:

- \$65 Surcharge.
- Total additional claim fee(s) for this application is \$ 2775
 - \$2775 for 111 total claims over 20.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

DEBORAH D WILLIAMS

Telephone: (703) 308-9140 EXT 205

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/530,109	PCT/GB03/04298	NNM-004

FORM PCT/DO/EO/905 (371 Formalities Notice)